

#### LEGEND

AREA 1: ONLY 802.11b SYSTEM

AREA 2: 802.11b SYSTEM AND ALTERNATIVE TECHNOLOGY A

AREA 3: 802.11b SYSTEM AND ALTERNATIVE TECHNOLOGY A AND B

AREA 4: 802.11b SYSTEM AND ALTERNATIVE TECHNOLOGY B

AREA 5: 802.11b SYSTEM AND ALTERNATIVE TECHNOLOGY C

AREA 6: 802.11b SYSTEM AND ALTERNATIVE TECHNOLOGY A AND C

**FIG. 1**

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ORDER	INFORMATION	NOTES
22	1	TIMESTAMP
24	2	BEACON INTERVAL
26	3	CAPABILITY INFORMATION
28	4	SSID
	5	SUPPORTED RATES
	6	FH PARAMETER SET THE FH PARAMETER SET INFORMATION ELEMENT IS PRESENT WITHIN BEACON FRAMES GENERATED BY STAs USING FREQUENCY-HOPPING PHYs.
	7	DS PARAMETER SET THE DS PARAMETER SET INFORMATION ELEMENT IS PRESENT WITHIN BEACON FRAMES GENERATED BY STAs USING DIRECT SEQUENCE PHYs.
	8	CF PARAMETER SET THE CF PARAMETER SET INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY APs SUPPORTING A PCF.
	9	IBSS PARAMETER SET THE IBSS PARAMETER SET INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY STAs IN AN IBSS.
	10	TIM THE TIM INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY APs.

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**FIG. 2 PRIOR ART**





ORDER	INFORMATION	NOTES
1	TIMESTAMP	
2	BEACON INTERVAL	
3	CAPABILITY INFORMATION	
4	SSID	
5	SUPPORTED RATES	
6	FH PARAMETER SET	THE FH PARAMETER SET INFORMATION ELEMENT IS PRESENT WITHIN BEACON FRAMES GENERATED BY STAs USING FREQUENCY-HOPPING PHYs.
7	DS PARAMETER SET	THE DS PARAMETER SET INFORMATION ELEMENT IS PRESENT WITHIN BEACON FRAMES GENERATED BY STAs USING DIRECT SEQUENCE PHYs.
8	CF PARAMETER SET	THE CF PARAMETER SET INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY APs SUPPORTING A PCF.
9	IBSS PARAMETER SET	THE IBSS PARAMETER SET INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY STAs IN AN IBSS.
10	TIM	THE TIM INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY APs.
11	ALTERNATIVE TECHNOLOGIES	ALTERNATIVE TECHNOLOGIES PRESENT IN THE SAME GEOGRAPHICAL AREA

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FIG. 3





ORDER	INFORMATION	NOTES
1	TIMESTAMP	
2	BEACON INTERVAL	
3	CAPABILITY INFORMATION	
4	SSID	
5	SUPPORTED RATES	
6	FH PARAMETER SET	THE FH PARAMETER SET INFORMATION ELEMENT IS PRESENT WITHIN BEACON FRAMES GENERATED BY STAS USING FREQUENCY-HOPPING PHYS.
7	DS PARAMETER SET	THE DS PARAMETER SET INFORMATION ELEMENT IS PRESENT WITHIN BEACON FRAMES GENERATED BY STAS USING DIRECT SEQUENCE PHYS.
8	CF PARAMETER SET	THE CF PARAMETER SET INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY APS SUPPORTING A PCF.
9	IBSS PARAMETER SET	THE IBSS PARAMETER SET INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY STAS IN AN IBSS.
10	TIM	THE TIM INFORMATION ELEMENT IS ONLY PRESENT WITHIN BEACON FRAMES GENERATED BY APS.
11	ALTERNATIVE TECHNOLOGY A	ALTERNATIVE TECHNOLOGY PRESENT IN THE SAME GEOGRAPHICAL AREA
12	ALTERNATIVE TECHNOLOGY B	ALTERNATIVE TECHNOLOGY PRESENT IN THE SAME GEOGRAPHICAL AREA
• • •		
X	ALTERNATIVE TECHNOLOGY n	ALTERNATIVE TECHNOLOGY PRESENT IN THE SAME GEOGRAPHICAL AREA

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FIG. 4



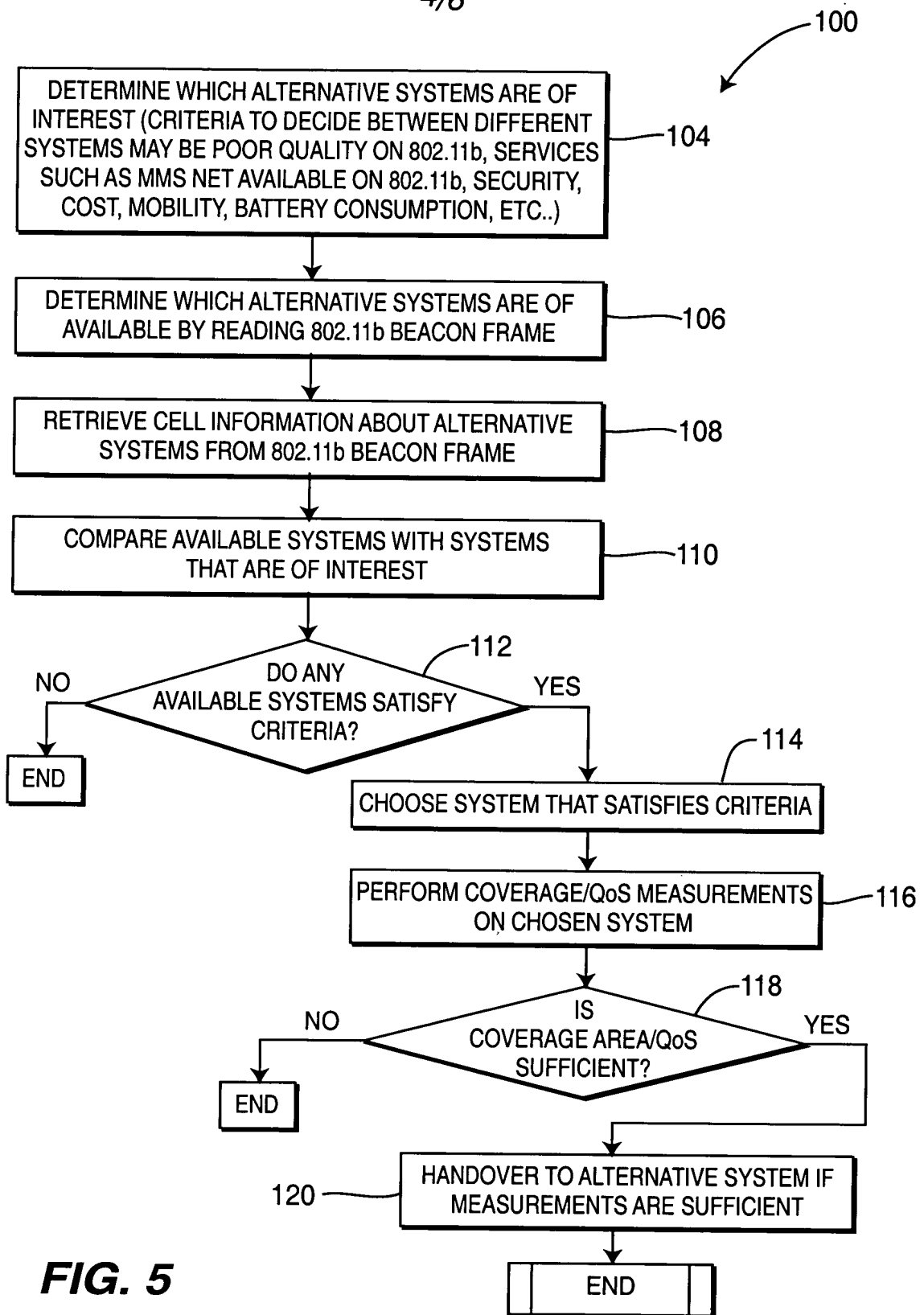
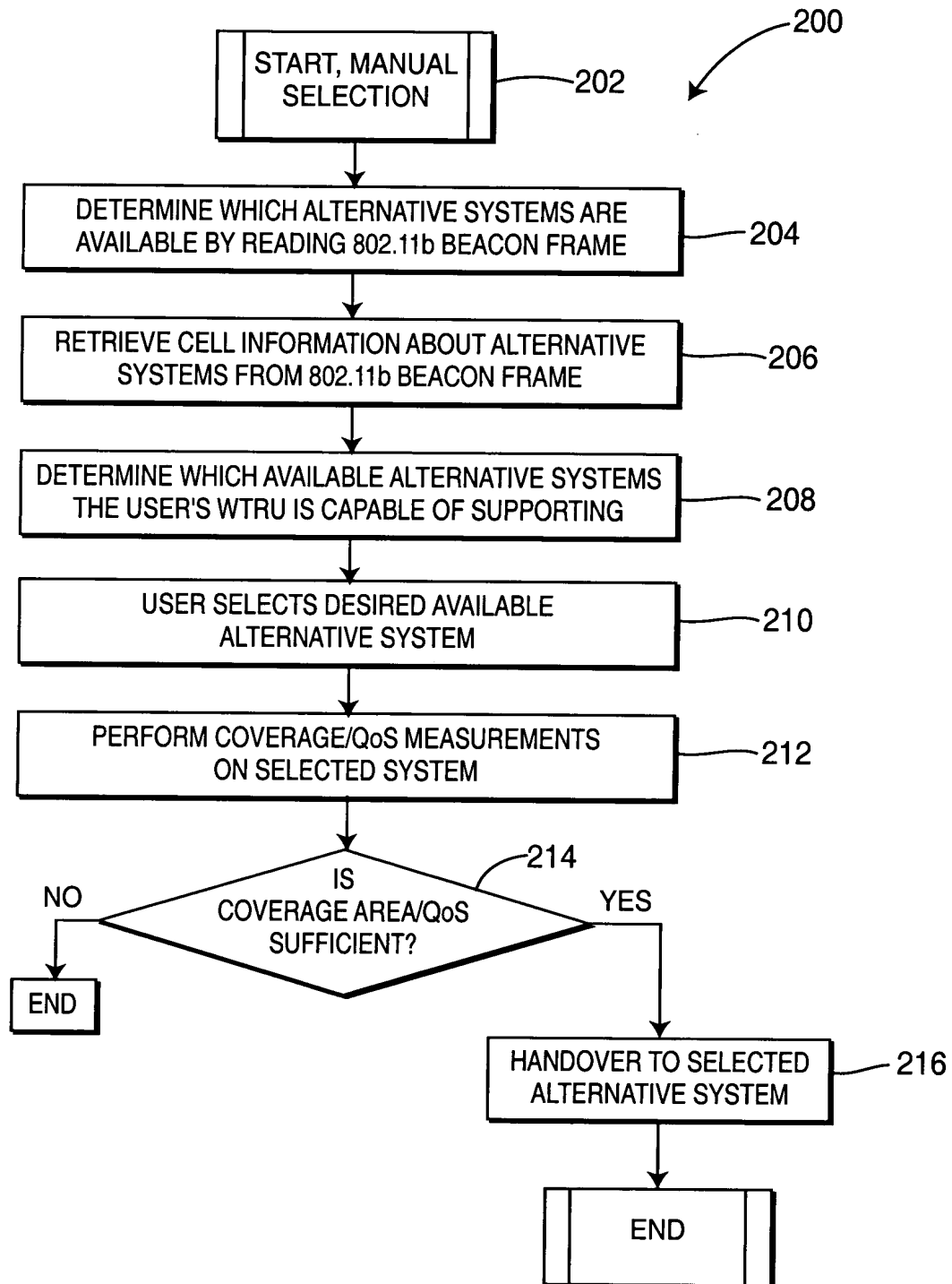
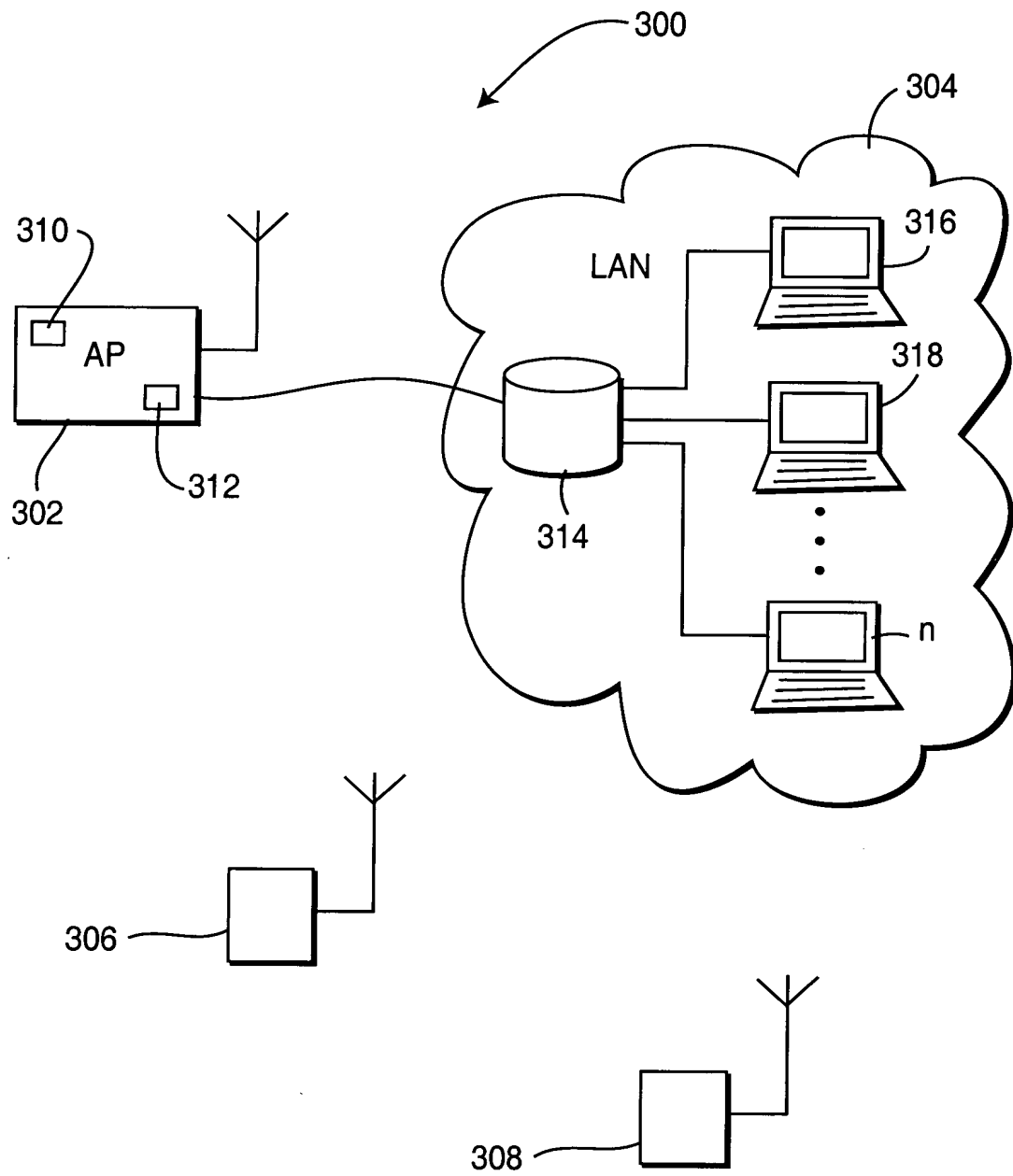


FIG. 5

**FIG. 6**



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**FIG. 7**

